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| Form PTO-1<br>(REV 10-95)   |  | Department of Commerce Patent and Trademark Office | ATTORNEY'S DOCKET NUMBER PP/15-22778/CGM 522/A/PCT |  |  |  |  |  |  |  |
|---|--|--|--|--|--|--|--|--|--|--|
|   | TRANSMITTAL LETTER TO 1  | THE LINITED STATES                                 | U.S. APPLICATION NO. (If known, see 37 CFR 1.5)    |  |  |  |  |  |  |  |
| DESIGNATED/ELECTED OFFICE (DO/EO/LIS)   |  |  |  |  |  |  |  |  |  |  |
| •   | CONCERNING A FILING UN   | <b>1</b> 0/533011                                  |  |  |  |  |  |  |  |  |
| INTERNATIONAL APPLICATION NO.   |  | INTERNATIONAL FILING DATE                          | PRIORITY DATE CLAIMED                              |  |  |  |  |  |  |  |
| PCT/EP 03/012204  |  | November 3, 2003                                   | November 8, 2002                                   |  |  |  |  |  |  |  |
| TITLE OF INVENTION  |  |  |  |  |  |  |  |  |  |  |
| PROCESS FOR THE PREPARATION OF POLYOLEFIN NANOCOMPOSITES  |  |  |  |  |  |  |  |  |  |  |
| APPLICANT(S) FOR DO/EO/US  Graeme Moad, George Philip Simon, Katherine Maree Dean, Guoxin Li, Roshan Tyrrel Anton Mayadunne, Rudolf   |  |  |  |  |  |  |  |  |  |  |
| Pfaendner, Hendrik Wermter and Armin Schneider  |  |  |  |  |  |  |  |  |  |  |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:   |  |  |  |  |  |  |  |  |  |  |
| <ol> <li>This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.</li> <li>This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.</li> </ol> |  |  |  |  |  |  |  |  |  |  |
| 3.  | This express request to begin national examination procedures (35 U.S.C. 371(f) at any time rather than delay examination  |  |  |  |  |  |  |  |  |  |
| 4. 🗹  | until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39 (1).  A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority |  |  |  |  |  |  |  |  |  |
|   | date. A copy of the International Application as filed (35 U.S.C. 371(c)(2))   |  |  |  |  |  |  |  |  |  |
| 5. 🗹  | onal Bureau)   |  |  |  |  |  |  |  |  |  |
| 6. 🗆  | <ul> <li>a. □ is transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. ☑ has been transmitted by the International Bureau. (See attached Form PCT/IB/308)</li> </ul>                    |  |  |  |  |  |  |  |  |  |
|   | c. $\square$ is not required, as the application was filed in the United States Receiving Office (RO/US).  |  |  |  |  |  |  |  |  |  |
|   | A translation of the International Application into English 35.U.S.C. 371(c)(2)).  |  |  |  |  |  |  |  |  |  |
| 7. 🗹  | Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C.371(c)(3)).  a.   are transmitted herewith (required only if not transmitted by the International Bureau).                                |  |  |  |  |  |  |  |  |  |
|   | b. $\square$ have been transmitted by the li   |  | monar baroady.                                     |  |  |  |  |  |  |  |
|   | c. $\square$ have not been made; however, the time limit for making such amendments has NOT expired.   |  |  |  |  |  |  |  |  |  |
|   | d. M have not been made and will not be made.  |  |  |  |  |  |  |  |  |  |
| 8. 🗆<br>9. 🗖  | , , , , , ,  |  |  |  |  |  |  |  |  |  |
| 10.   |  |  |  |  |  |  |  |  |  |  |
|   |  |  | , , , , , ,  |  |  |  |  |  |  |  |
| Items 1   | 1. to 16. below concern document(s) o  | r information included.                            |  |  |  |  |  |  |  |  |
| 11. 🗆   | An Information Disclosure Statement under 37 CFR 1.97 and 1.98.  |  |  |  |  |  |  |  |  |  |
| 12. 🗆   | An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.  |  |  |  |  |  |  |  |  |  |
| 13. 🗖   | A FIRST preliminary amendment. A SECOND or SUBSEQUENT preliminary amendment.   |  |  |  |  |  |  |  |  |  |
| 14. 🗆   | A substitute specification.  |  |  |  |  |  |  |  |  |  |
| 15. 🗆   | A change of power of attorney and/or address letter.   |  |  |  |  |  |  |  |  |  |
| 16. 🗹   | Other items or information: (See attached Form PCT/ISA/210)  |  |  |  |  |  |  |  |  |  |

## JC12 Rec'd PCT/PTC 28 APR 2005

| U.S. APPLICATION NO  | 1 krom./057 05          | 3011 INTE            | RNATIONAL APPLICATION NO.  TT/EP 03/12204 |                                 | 'S DOCKET NUMBER     | /PCT            |  |  |  |
|--|-------------------------|----------------------|---|---------------------------------|----------------------|-----------------|--|--|--|
| 10/000 PP/15-22778/CGM 522/A/PCT  17. ☑ The following fees are submitted:  |                         |                      |   |                                 |                      |                 |  |  |  |
|  |                         |                      |   | \$300.00                        | \$                   |                 |  |  |  |
|  |                         |                      |   |                                 | \$                   |                 |  |  |  |
| Search   | n Fee                   |                      |   |                                 |                      |                 |  |  |  |
| ☐ If Search Fee (37 CFR 1.445(a)(2)) has been paid on the international  |                         |                      |   |                                 |                      |                 |  |  |  |
| application to the USPTO as an International Searching   |                         |                      |   |                                 |                      |                 |  |  |  |
| A  | uthority                |                      |   |                                 |                      |                 |  |  |  |
|  | International Se        | he                   |   |                                 |                      |                 |  |  |  |
| 1  | fice                    |                      |   |                                 |                      |                 |  |  |  |
|  | l other situation       |                      |   |                                 |                      |                 |  |  |  |
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| (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250.00 for each additional 50 sheets of paper or fraction |                         |                      |   |                                 |                      |                 |  |  |  |
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| 48 - 100 =   | 0 /50=                  | 0                    |   | x \$250.00                      | \$                   |                 |  |  |  |
|  |                         | 1                    |   |                                 |                      | <del></del>     |  |  |  |
| Surcharge of \$1   | <b>30.00</b> for furnis | hing the oath of de  | eclaration later than 🗀                   | 20 🛮 30                         | \$                   |                 |  |  |  |
|  |                         | ed priority date (37 |   |                                 |                      |                 |  |  |  |
| CLAIMS   | NU                      | JMBER FILED          | NUMBER EXTRA                              | RATE                            |                      |                 |  |  |  |
| Total claims   |                         | 19 - 20 =            | 0   | X \$50.00                       | \$                   |                 |  |  |  |
| Independent cla  |                         | 3 -3 =               | 0   | X \$200.00                      | \$                   |                 |  |  |  |
| MULTIPLE DEF   | PENDENT CLAI            | M(S) (if applicable  |   | + \$360.00                      | \$                   |                 |  |  |  |
|  |                         | 7                    | TOTAL OF ABOVE C                          | ALCULATIONS =                   | \$900.00             |                 |  |  |  |
| □ Applicant  | claims small e          | entity status. Sec   | e 37 CFR 1.27. The fee                    | s indicated above               | \$                   |                 |  |  |  |
| are reduce   |                         | •                    |   |                                 |                      |                 |  |  |  |
|  |                         | \$900.00             |   |                                 |                      |                 |  |  |  |
| Processing fee   | of \$130.00 for fo      | \$                   |   |                                 |                      |                 |  |  |  |
| Processing fee of \$130.00 for furnishing the English translation later than   20   30   5 months from the earliest claimed priority date (37 CFR 1.492(f)). + |                         |                      |   |                                 |                      |                 |  |  |  |
|  |                         |                      |   |                                 |                      |                 |  |  |  |
|  |                         |                      |   | ATIONAL FEE =                   | \$900.00             |                 |  |  |  |
|  |                         |                      | FR 1.21(h)). The assignm                  |                                 | \$                   |                 |  |  |  |
| accompanied by   | y an appropriate        | cover sheet (37 (    | CFR 3.28, 3.31). <b>\$40.00</b> p         | er property +                   |                      |                 |  |  |  |
|  |                         |                      | TOTAL FI                                  | EES ENCLOSED =                  | \$                   |                 |  |  |  |
|  |                         | ,                    |   |                                 | Amount to be         | \$              |  |  |  |
|  |                         | refunded:            | <u> </u>                                  |                                 |                      |                 |  |  |  |
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|  |                         |                      |   |                                 | charged:             | l               |  |  |  |
| a.  A chec   | k in the amount         | t of \$              | to cover the above fe                     | es is enclosed.                 | <del>_</del>         | _               |  |  |  |
| b. ☑ Please  | charge my Der           | nosit Account No     | 03-1935 in the amount of                  | \$900.00 to cover the sh        | ove fees             |                 |  |  |  |
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|  |                         |                      |   |                                 |                      |                 |  |  |  |
| c. 🗹 The Co  | ommissioner is          | hereby authorized    | to charge any additional f                | ees which may be requir         | ed, or credit any ov | erpayment to    |  |  |  |
| Depos  | it Account No. 0        | )3-1935. A duplica   | ate copy of this sheet is en              | closed.                         |                      |                 |  |  |  |
|  |                         | •                    |   |                                 |                      |                 |  |  |  |
| NOTE: Where  | an appropriate          | time limit under     | 37 CFR 1.494 or 1.495 ha                  | as not been met, a peti         | tion to revive (37 ( | CFR 1.137(a) or |  |  |  |
| (b)) must be fil   | ed and granted          | d to restore the ap  | oplication to pending sta                 | itus.                           |                      |                 |  |  |  |
|  |                         |                      |   |                                 |                      |                 |  |  |  |
| PLEASE ASSOC   | IATE THE ATTAC          | CHED APPLICATION     | WITH CUSTOMER NUMBER                      | R 000324 AND SEND ALL           | CORRESPONDENC        | E TO:           |  |  |  |
| JoAnn Villamizar   |                         |                      |   | gerw [/                         | 11/ansli             | us              |  |  |  |
| Patent Department SIGNATURE  |                         |                      |   |                                 |                      |                 |  |  |  |
| 540 White Plain  | s Road                  |                      |   |                                 |                      |                 |  |  |  |
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| Date: APR  | Date: APR 2 8 2005      |                      |   |                                 |                      |                 |  |  |  |
| L  |                         |                      |   | <b>REGISTRATION NU</b>          | MBEH                 |                 |  |  |  |